Aeronautics Educator Guide			
2002 Science			
Priority Academic Student Skills			
Oklahoma Science			
Grade 2			
Activity/Lesson	**State**	**Standards**	
Air Engines (12-16)	OK	SCI.2.B.1.2	Motion and interaction of objects can be observed in toys and playground activities.
Dunked Napkin (17-22)	OK	SCI.2.A.3.2	Plan and conduct a simple investigation.
Dunked Napkin (17-22)	OK	SCI.2.A.3.3	Employ simple equipment and tools such as magnifiers, thermometers, and rulers to gather data.
Dunked Napkin (17-22)	OK	SCI.2.A.4.2	Recognize and describe patterns, then make predictions based on patterns.
Paper Bag Mask (23-28)	OK	SCI.2.A.1.1	Observe and measure objects, organisms, and/or events using developmentally appropriate nonstandard units of measurement (e.g., hand, paper clip, book) and Systems International (SI) units (i.e., meters, centimeters, and degrees Celsius).
Paper Bag Mask (23-28)	OK	SCI.2.A.4.2	Recognize and describe patterns, then make predictions based on patterns.
Wind in Your Socks) (29-35)	OK	SCI.2.A.2.1	Classify a set of simple objects, familiar organisms, and/or observable events by observable properties.
Wind in Your Socks) (29-35)	OK	SCI.2.B.1.2	Motion and interaction of objects can be observed in toys and playground activities.
Sled Kite (44-51)	OK	SCI.2.A.1.1	Observe and measure objects, organisms, and/or events using developmentally appropriate nonstandard units of measurement (e.g., hand, paper clip, book) and Systems International (SI) units (i.e., meters, centimeters, and degrees Celsius).
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Grade 3			
Activity/Lesson	**State**	**Standards**	
Air Engines (12-16)	OK	SCI.3.A.1.1	Observe and measure objects, organisms, and/or events using developmentally appropriate Systems International (SI) units (i.e., meters, centimeters, grams, and degrees Celsius).
Making Time Fly (80-86)	OK	SCI.3.A.4.3	Communicate the results of a simple investigation using drawings, tables, graphs, and/or written and oral language.
Where is North? The Compass Can Tell Us (87-90)	OK	SCI.3.A.3.2	Plan and conduct a simple investigation.

Dunked Napkin (17-22)	OK	SCI.3.A.3.1	Ask a question about objects, organisms, or events in the environment.
Dunked Napkin (17-22)	OK	SCI.3.A.3.2	Plan and conduct a simple investigation.
Dunked Napkin (17-22)	OK	SCI.3.A.3.3	Employ simple equipment and tools such as magnifiers, thermometers, and rulers to gather data.
Dunked Napkin (17-22)	OK	SCI.3.A.4.2	Recognize and describe patterns, then make predictions based on patterns.
Paper Bag Mask (23-28)	OK	SCI.3.A.1.1	Observe and measure objects, organisms, and/or events using developmentally appropriate Systems International (SI) units (i.e., meters, centimeters, grams, and degrees Celsius).
Paper Bag Mask (23-28)	OK	SCI.3.A.4.2	Recognize and describe patterns, then make predictions based on patterns.
Wind in Your Socks) (29-35)	OK	SCI.3.A.3.3	Employ simple equipment and tools such as magnifiers, thermometers, and rulers to gather data.
Bag Balloons (40-43)	OK	SCI.3.A.3.1	Ask a question about objects, organisms, or events in the environment.
Right Flight (52-59)	OK	SCI.3.A.4.2	Recognize and describe patterns, then make predictions based on patterns.
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2002 Science			
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Oklahoma Science			
Grade 4			
Activity/Lesson	**State**	**Standards**	
Air Engines (12-16)	OK	SCI.4.A.5.2	Use a variety of measurement tools and technology.
Making Time Fly (80-86)	OK	SCI.4.A.4.4	Communicate the results of investigations and/or give explanations based on data.
Dunked Napkin (17-22)	OK	SCI.4.A.3.1	Ask questions about the world and formulate an orderly plan to investigate a question.
Dunked Napkin (17-22)	OK	SCI.4.A.3.3	Design and conduct a scientific investigation.
Dunked Napkin (17-22)	OK	SCI.4.A.4.3	Make predictions based on patterns in experimental data.
Paper Bag Mask (23-28)	OK	SCI.4.A.1.1	Observe and measure objects, organisms, and/or events (e.g., mass, length, time, volume, temperature) using Systems International (SI) units (i.e., grams, milligrams, meters, millimeters, centimeters, kilometers, liters, milliliters, and degrees Celsius).
Paper Bag Mask (23-28)	OK	SCI.4.A.1.2	Compare and/or contrast similar and/or different characteristics (e.g., color, shape, size, texture, sound, position, change) in a given set of objects organisms or events.
Bag Balloons (40-43)	OK	SCI.4.A.3.1	Ask questions about the world and formulate an orderly plan to investigate a question.